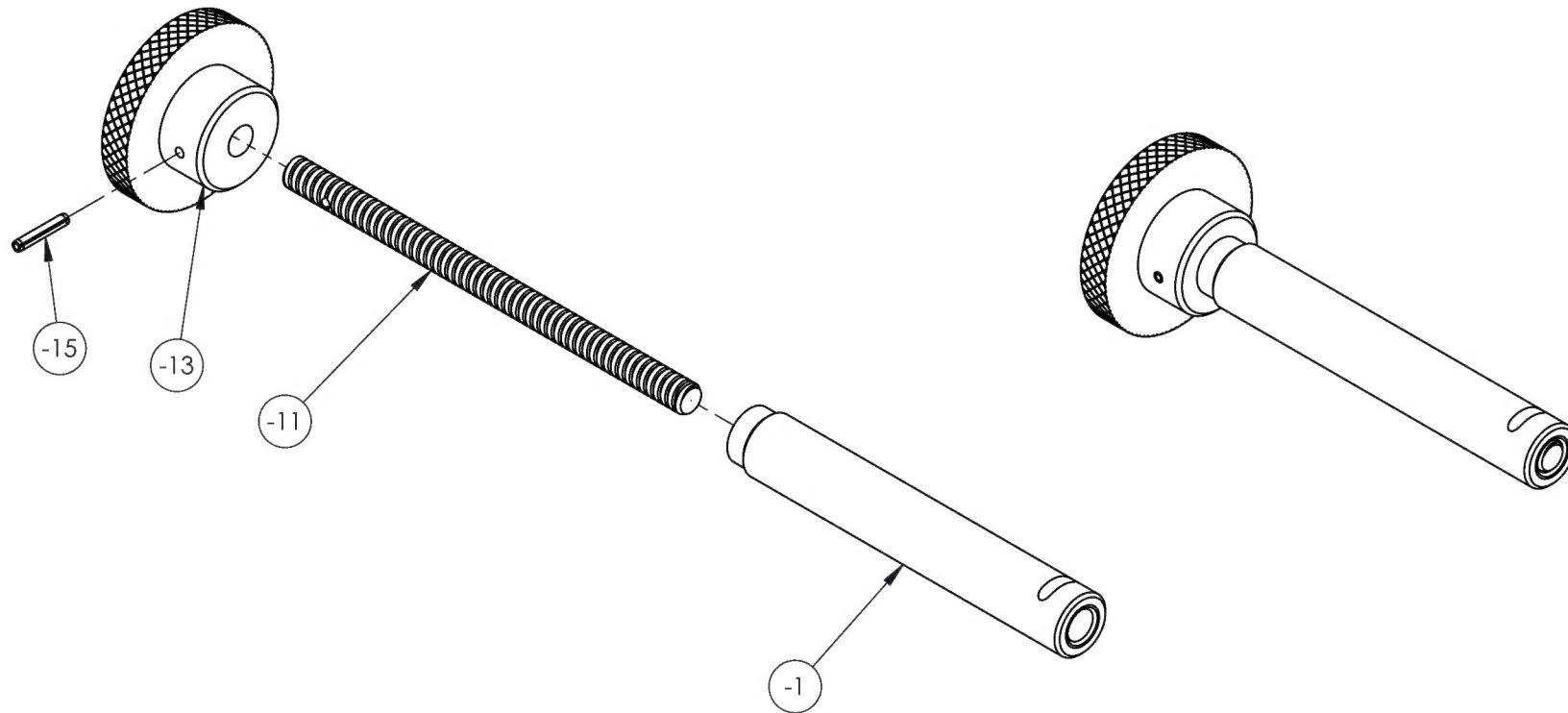


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REV			DESCRIPTION			DATE	INITIAL	APPROVED
1	CH'D -3 LENGTH FROM 4.35, CH'D -5 LENGTH FROM 3.75, CH'D -11 LENGTH FROM 5.60, CH'D -9 OPERATIONAL LENGTH OF TOOL FROM 4.60 PER S.E.						3/21/2012	RJC SE
2	CH'D -5 OVERALL LENGTH FROM 4.25 PER G.E						6/12/2012	RJC GE
3	SHT 2 ADDED 2ND -5 INSERT SHT 3 ADDED C-BORE DEPTH 1.250 SHT 4 CH'D INSIDE FROM Ø .375 TO Ø .390 SHT 5 ADDED Ø .125 HOLE SHT 6 ADDED Ø .125 HOLE						7/10/2012	JAG

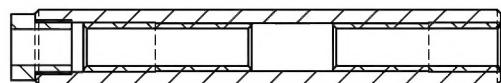
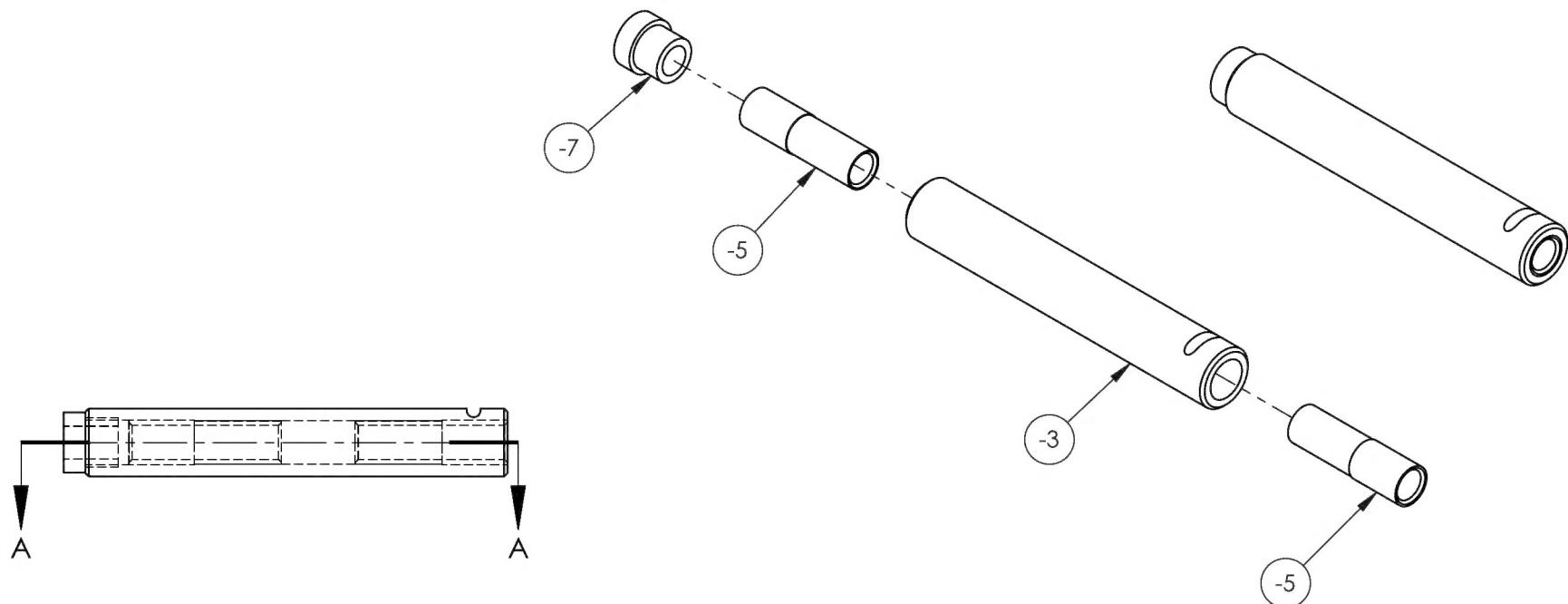


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
X			-1	1	TUBE ASSY			2
1			-3	1	TUBE	DOM	Ø13/16 X .156 WALL X 5	3
2			-5	1	INSERT	NYLON	Ø5/8 X 1-7/8	4
1	B/O	-7		1	ACME NUT	BRONZE	3/8-10 MCMASTER-CARR #95072A127	2
		-11		1	PRECISION ACME THREADED ROD	STEEL	3/8-10 X 6-1/4 MCMASTER-CARR #99030A127 (MODIFIED)	5
		-13		1	KNOB	ALUMINUM	MCMASTER-CARR #7762K63 (MODIFIED)	6
	B/O	-15		1	ROLL PIN	STEEL	1/8 X 3/4 MCMASTER-CARR #98296A881	1

	RED BARN MACHINE	
	TITLE	HYDRAULIC PAC PRIMER
DWG NO.	RBEA62314	REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT	
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED D Weil	
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH	
SPEC		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC 135	
SCALE 1:2	DATE 12/6/2011	SHEET 1 OF 6

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
3		ADDED 2ND -5 INSERT		7/10/2012	JAG	



SECTION A-A

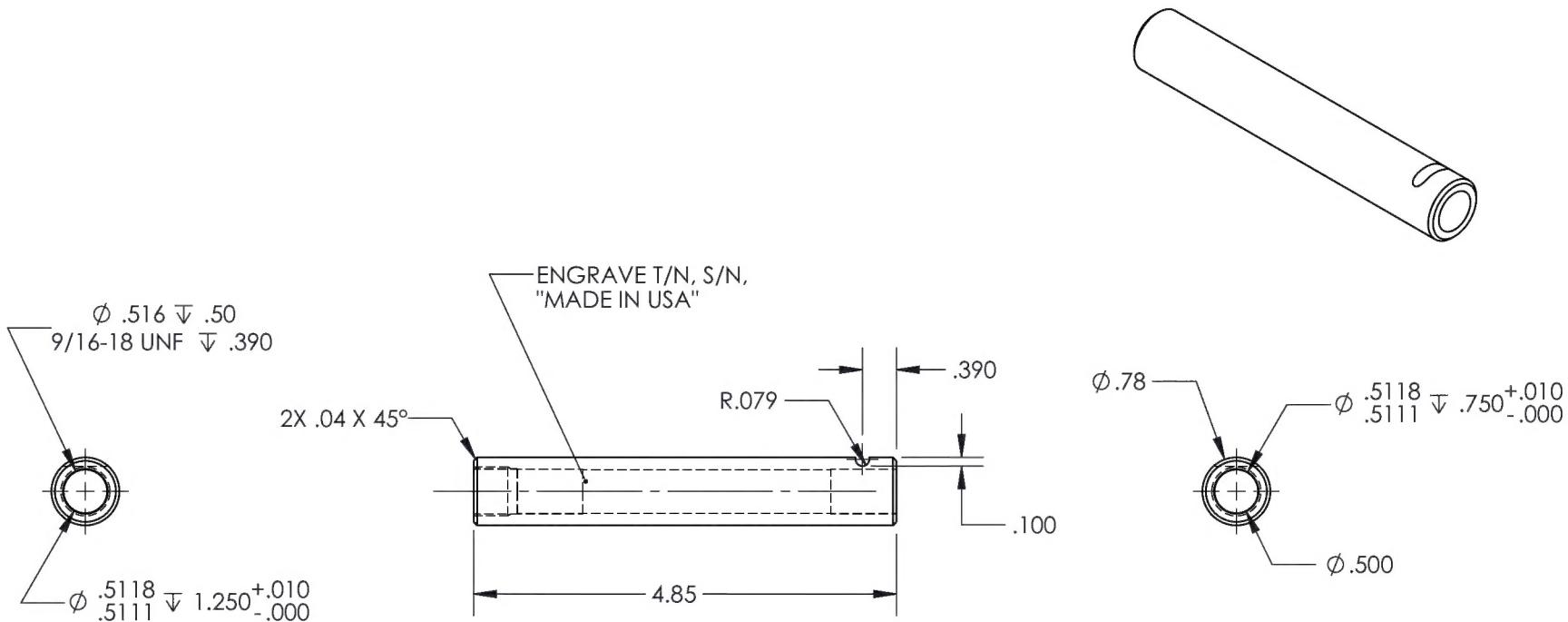
(-1)
TUBE ASSY

NOTE: 1. PRESS TWO -5 INSERT INTO -3 TUBE, UP TO STEP, USING THREAD LOCKER TO LOCK IN PLACE.
2. THREAD -7 NUT INTO -3 TUBE, USING THREAD LOCKER.

RED BARN MACHINE	
TITLE	
HYDRAULIC PAC PRIMER	
DWG NO.	RBEA62314-1
REV	3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± .5°	
APPROVED GILBERT <i>D Weil</i>	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
EC 135	
SCALE	1:2
DATE	12/6/2011
SHEET 2 OF 6	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CHD-3 LENGTH FROM 4.35 PER S.E.	3/21/2012	RJC
3	ADDED C-BORE DEPTH 1.250	7/10/2012	JAG



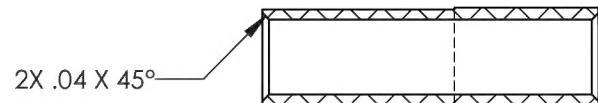
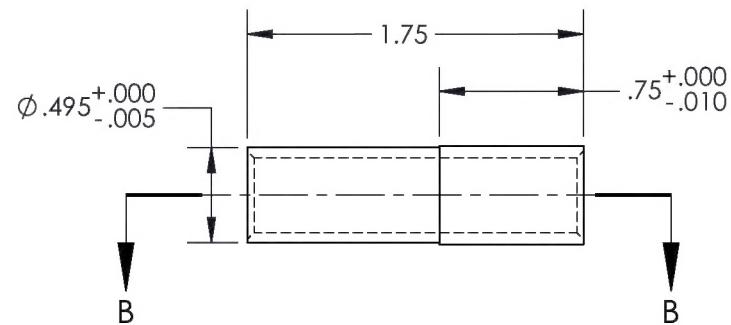
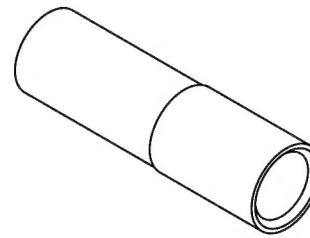
(3)

TUBE

RED BARN MACHINE	
TITLE	
HYDRAULIC PAC PRIMER	
DWG NO.	RBEA62314-3
DRAWN BY:	GILBERT
APPROVED	D Weil
HEAT	
TREAT	
FINISH	BLACK OXIDE
SPEC	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	FRACTIONS ± 1/32
.XXX ± .005	
XX ± .01	ANGLES ± 5°
X ± .1	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	12/6/2011
SHEET 3 OF 6	

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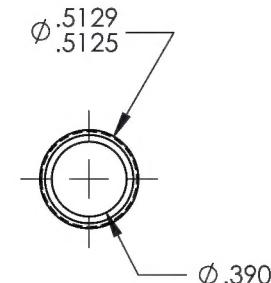
REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CHD -5 LENGTH FROM 3.75 PER S.E.	3/21/2012	RJC
2	CHD -5 OVERALL LENGTH FROM 4.25 PER G.E	6/12/2012	GE
3	CHD INSIDE FROM Ø.375 TO Ø.390	7/10/2012	JAG



SECTION B-B

(-5)

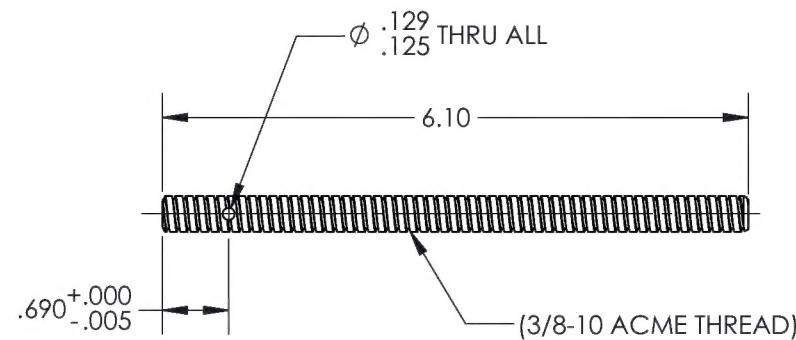
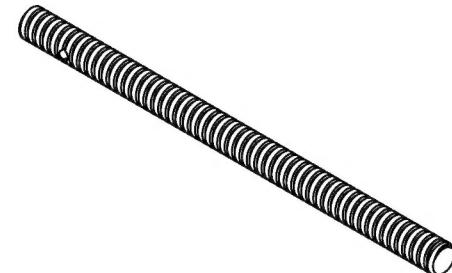
INSERT



RED BARN MACHINE	
TITLE	
HYDRAULIC PAC PRIMER	
DWG NO.	RBEA62314-5
REV	3
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS FRACTIONS ± 1/32	
.XXX ± .005	.XX ± .01
XX ± .01	ANGLES ± 5°
X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
EC 135	
SCALE	1:1
DATE	12/6/2011
SHEET 4 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D-11 LENGTH FROM 5.60 PER S.E.	3/21/2012	RJC	SE
3	ADDED Ø.125 HOLE	7/10/2012	JAG	



(-11)

PRECISION ACME THREADED ROD

RED BARN MACHINE	
TITLE HYDRAULIC PAC PRIMER	
DWG NO.	RBEA62314-11
REV	3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS .XXX ± .005 FRACTIONS ± 1/32	
XX ± .01 ANGLES ± .5°	
X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
EC 135	
SCALE	1:2
DATE	12/6/2011
SHEET 5 OF 6	



RED BARN MACHINE

TITLE

HYDRAULIC PAC PRIMER

DWG NO.

RBEA62314-11

REV

3

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:

DECIMALS .XXX ± .005 FRACTIONS ± 1/32

XX ± .01 ANGLES ± .5°

X ± .1

HEAT TREAT FINISH

SPEC

USED ON MODEL

EC 135

SCALE

1:2

DATE

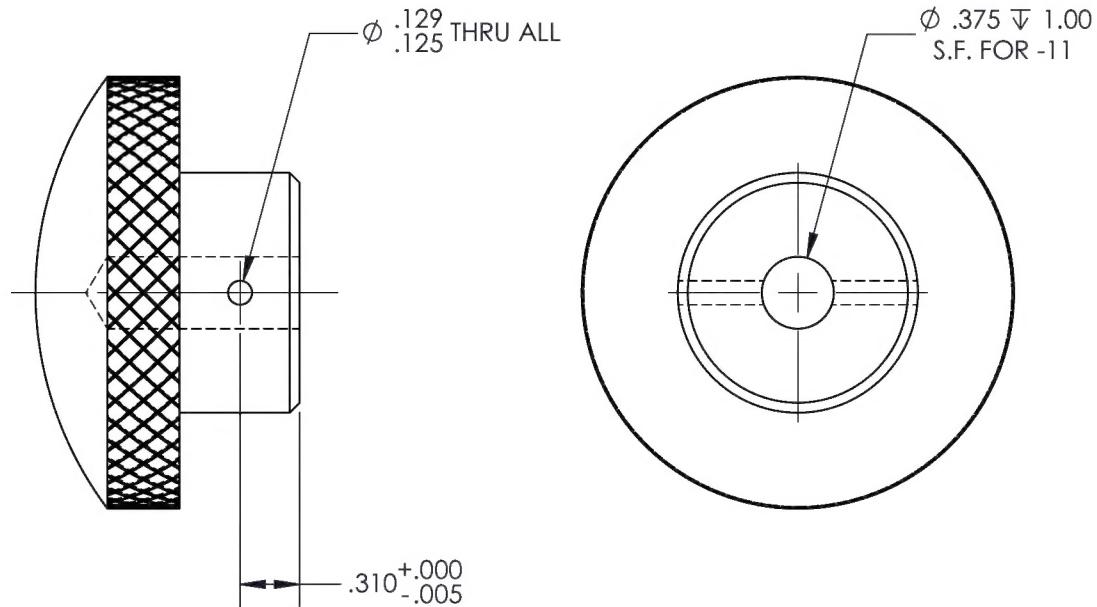
12/6/2011

SHEET 5 OF 6

GILBERT
D Weil

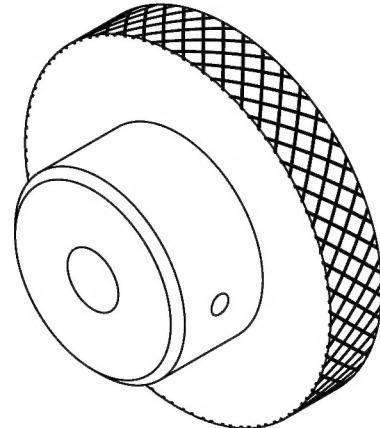
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
3	ADDED Ø.125 HOLE	7/10/2012	JAG



(-13)

KNOB



 RED BARN MACHINE	
TITLE	
HYDRAULIC PAC PRIMER	
DWG NO.	RBEA62314-13
DRAWN BY:	GILBERT
APPROVED	<i>D Weil</i>
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .005	FRACTIONS ± 1/32
XX ± .01	ANGLES ± 5°
X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
EC 135	
SCALE	1:1
DATE	12/6/2011
SHEET 6 OF 6	